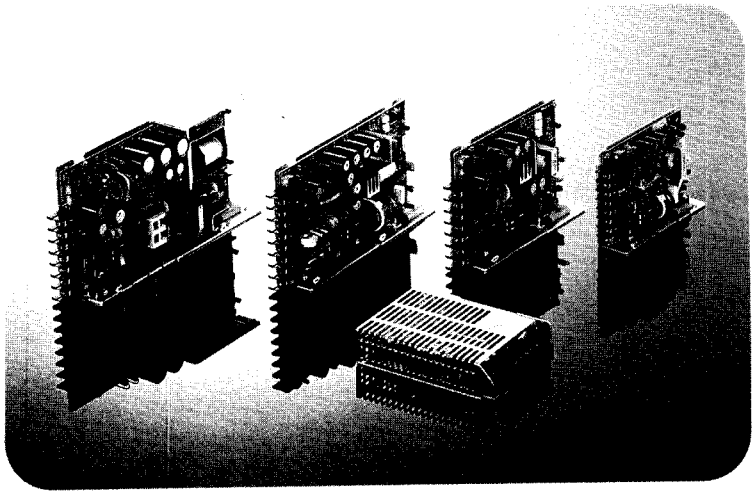
Volgen *Quality First*

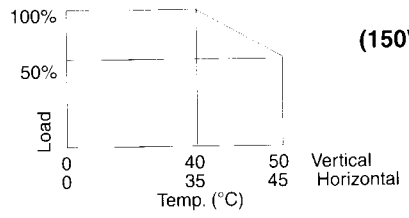
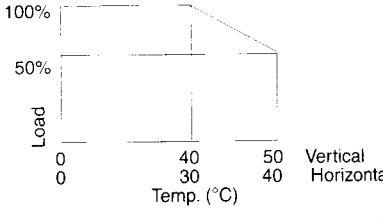
SXi SERIES

CE MARK



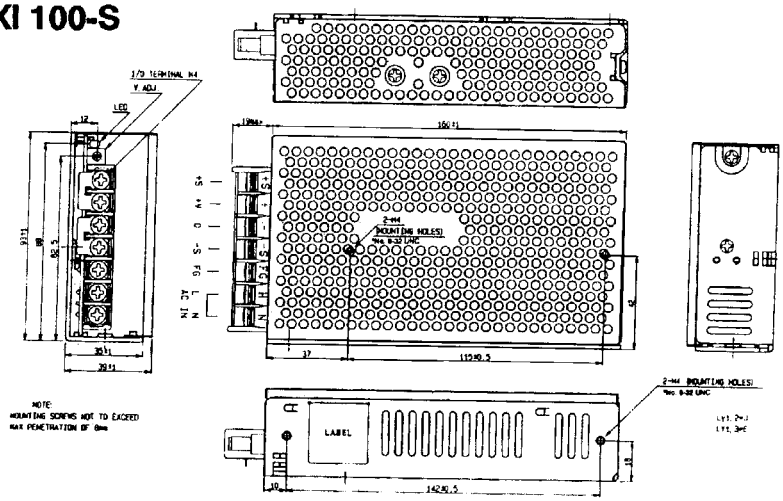
Features:

- **100W, 150W Single Output Models**
- AC Input for Europe (AC170-264V)
- Safety Approvals: EN60-950
- EMI: CISPR-B
- High Reliability
- Built-In Overvoltage/Overcurrent Protection
- Low Cost, High Performance
- Metal Chassis with Cover
- Compact, Low-Profile Packages
- Three Year Warranty

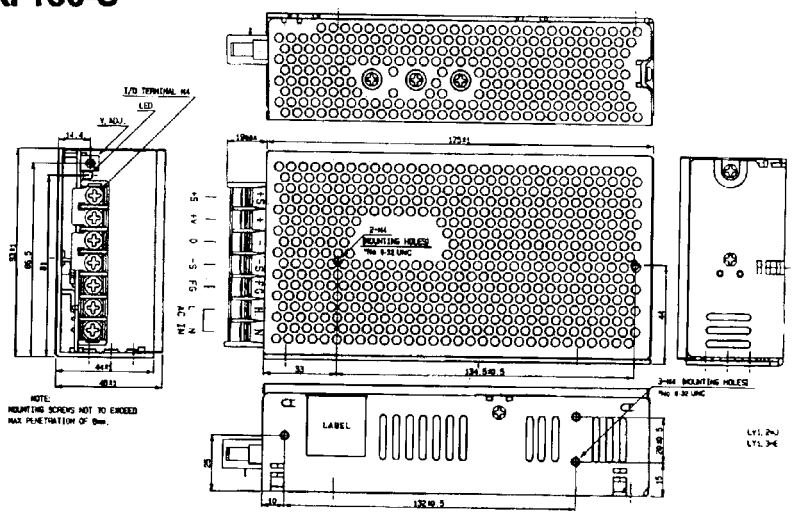
Specifications:	*SXi-100*	*SXi-150*
INPUT VOLTAGE	200/220/230 VAC (AC: 170-264V) (DC: 220 -340V)	
INPUT FREQUENCY	50/60 Hz (47 - 63 Hz)	
INPUT CURRENT	1.3 A (typ)	1.8A (typ)
INRUSH CURRENT(@ 100VAC cold start)	28A (typ)	30 A (typ)
OUTPUT ADJUST RANGE	± 10%	
OVER VOLTAGE PROTECTION	Output Shutdown (112 - 150%)	
OVER CURRENT PROTECTION	Over 105% (Automatic Recovery)	
TEMPERATURE COEFFICIENT	0.02% / °C	
DRIFT	0.5% + 15 mV max. / 8 hr. (after 1 hour)	
RISE TIME	300 mS max. (at 25°C, nominal input/output)	
HOLD-UP TIME	20 mS (typ. at nominal input/output)	
OPERATION TEMPERATURE Consult manufacturer for specific configurations	**(100W)** 	**(150W)** 
STORAGE TEMPERATURE	-20 - 85°C	
HUMIDITY	20 - 85% RH (non-condensing)	
DIELECTRIC WITHSTANDING VOLTAGE	PRIMARY - SECONDARY AC 3000V / 1 min PRIMARY - CASE AC 1500V / 1min SECONDARY - CASE AC 500V / 1 min	
LEAKAGE CURRENT	0.75mA max.	
ISOLATION RESISTANCE	INPUT - OUTPUT - CASE 100 M-ohms min.	
EMI	EN55022-B, CISPR-B	
SAFETY	EN60-950 1992 A1 + A2	
SHOCK TEST PROCEDURES	Vibration: 0.5mm width, 10 - 55 Hz / 1 min. cycle, 3 directions each 30 minute Shock: 20G (3 directions each 3 times)	
WARRANTY	3 Years	

SXU SERIES	OUTPUT VOLTAGE	OUTPUT CURRENT	EFFICIENCY (TYP)	LINE REGULATION	LOAD REGULATION	RIPPLE NOISE
SXi100-05S	5 VDC	20.0 A	82%	10 mV	20 mV	100 mVp-p
SXi100-12S	12 VDC	8.6 A	85%	10 mV	20 mV	170 mVp-p
SXi100-15S	15 VDC	7.0 A	86%	10 mV	20 mV	170 mVp-p
SXi100-24S	24 VDC	4.4 A	87%	20 mV	30 mV	200 mVp-p
SXi150-05S	5 VDC	30.0 A	82%	10 mV	30 mV	100 mVp-p
SXi150-12S	12 VDC	12.5 A	85%	15 mV	45 mV	170 mVp-p
SXi150-15S	15 VDC	10.0 A	86%	15 mV	45 mV	170 mVp-p
SXi150-24S	24 VDC	6.5 A	87%	20 mV	60 mV	200 mVp-p

SX/SXI 100-S



SX/SXI 150-S



Note:
All specifications typical at nominal / full load and 25°C unless otherwise noted.
Mounting screw length should not exceed 0.31 inches or 8 mm.
Avoid sustained operation in overload or dead short conditions

- Dimensions: mm
- Terminal block or "pin" type connector available

Specifications subject to change without notice.